

FOLIO

University of Alberta

15 September 1988

Downsizing Measures Successful, Horowitz Tells Board of Governors

It is already clear that first year enrolment is down, President Horowitz told the Board of Governors at their 9 September meeting.

Precise figures would not be available for a week or more, he said. When the downturn in first year enrolments is balanced against the apparently increased number of students coming in from other institutions, he estimated total enrolment would likely be down by about 300.

Additional Funding Appreciated

Recording his appreciation of the \$3.2 million additional funding awarded the University earlier this year, the President said that \$2.5

million was used to remove the anticipated deficit for the current budget year. The remaining \$.7 million was assigned to the deficit at the end of the most recent budget year.

"But we still have many problems," he said. "Almost immediately the cycle begins all over again."

Asked whether a reduction in enrolment would result in a reduction in funding, the President's reply was a categorical "No."

"In his enthusiastic support of our plan, never has the Minister suggested that the reduction of the numbers would lead to a reduction

in the budget," Dr. Horowitz said. "We need to continue to receive what we have been receiving, and to receive more, even though our numbers fall."

"The University receives \$850 for each additional student over the 1982 enrolment. But nobody can say the \$4 million we received [last year] represents the total cost of taking care of these additional 5,000 students."

"The only reason an additional allocation was made available (about \$10 million for the whole system, \$3.2 million for us), was because of the plight that a small number of institutions were in, the extent of which we made public. And we were not shy in making public pretty early what was evolving."

"We are appreciative that our concerns have been attended to."

"But the situation continues to be very, very grim indeed. It looks as good as it does (if a \$1.7 million accumulated deficit is good) because of the severe cuts we made—many of which we certainly should not have made."

Engineering's 75th Celebration

Celebrating its 75th anniversary, the Faculty of Engineering will hold a special Convocation, 8 October, and launch a \$2.5 million fund-raising campaign. Dr. Horowitz informed the Board. But

not a penny of the money raised will cover any part of the ongoing budget, he declared. Rather, it will be used "for absolutely essential extras that make the difference between mere acceptability and excellence."

Advice on Fund-Raising

The study commissioned from consultants on fund development has now been received. While advice on fund-raising in general had been sought, the study's major focus was on whether to hold a University-level fund-raising campaign as distinct from earmarked campaigns, and if so, when. "We have the advice. Now we must digest it," said Dr. Horowitz. "No decision has been made yet."

Universities Coordinating Council

Dr. Horowitz also reported that he is now undertaking his second term as chair of the Universities Coordinating Council, a duty he takes very seriously.

New Quotas in Physical Education

The Board approved establishment of quotas for two programs in Physical Education.

In the Department of Physical Education and Sport Studies, a maximum of 105 students will be admitted in the first year and at least 30 additional students in the third year (for a maximum of 135 students in the third year) of the BPE program.

In the Department of Recreation and Leisure Studies, a maximum of 80 students will be admitted in the first of three years following a pre-professional year and at least 25 additional students in the second year (for a maximum of 105 in the second year) of the BA (Recreation Administration) program.

Asbestos Abatement Program Continues

Board approval was given expenditures of up to \$632,610 for asbestos abatement in the Biological Sciences Building.

About 87 percent of the total asbestos removal program has been completed in the areas known to contain asbestos. □

All About Applying for Scholarships and Fellowships

Applying for a scholarship or fellowship could be a labor intensive exercise if you don't know the *modus operandi*. So it is that the Graduate Students' Association, the Faculty of Graduate Studies and Research and the Office of Student Awards are holding a one-day (5 October) forum on the subject.

Graduate students, senior undergraduate students and faculty are invited to register for the event which will take place in the North Power Plant. They will hear from national and local representatives of NSERC, SSHRC, MRC, AHFMR, Canada Council, Student Awards Office and Faculty of Graduate Studies and Research.

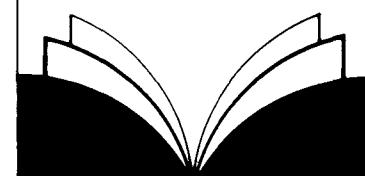
The first two hours (9 to 11 a.m.) will be spent on "Sciences and Engineering." Then it's "Medical and Health Sciences" (1 to 3 p.m.) and "Social Sciences and Humanities" (4 to 6 p.m.).

Refreshments and snacks will be served.

Cheryl Wilson, Vice-President (External) of the GSA, asks that people register for each session in advance. Registration deadline is 27 September. □

Contents

- Lemieux receives honorary degree from University of Stockholm
- 'Activities'
- Open house at Pembina Hall



Update: Presidential Search Committee Activities

Since *Folio*'s last report (14 July) of its activities, the Presidential Search Committee has had two further meetings.

With the advice of the Consultant, Dr. Janet Wright, all applications and nominations received have been assessed.

The Committee has now defined

the qualities required in a new president, and specified the concerns facing the University in the future.

Discussions of candidates and nominations will continue at future meetings, the dates of which have been agreed. □

University of Stockholm Awards Honorary Degree to Lemieux

Ray Lemieux, University Professor, was honored by the University of Stockholm on 9 September, with an honorary doctor of philosophy from the Faculty of Mathematics and Natural Science.

The university describes Dr. Lemieux this way: "For several decades Professor Lemieux has been the leading scientist in carbohydrate chemistry, a field which constitutes the major part of research with the Department of Organic Chemistry at the University of Stockholm. Professor Lemieux first became internationally noted for his total synthesis of sucrose. When physicists developed nuclear magnetic resonance (NMR), he was

among the first to appreciate its enormous potential impact. He was a pioneer in NMR of organic compounds and showed the connection between chemical shifts of protons and molecular geometry. Professor Lemieux has also been in the forefront of the development of glycoside synthesis and has created new and better methods for these operations. He was also the first to succeed in synthesizing large oligosaccharides, for example, the compounds that distinguish blood groups A, B and O. Through the synthesis of analogues to these, and the development of new and simpler computer-based calculations in combination with NMR for the

determination of conformations of oligosaccharides, he has been able to study and partially to map out the interaction between carbohydrates and proteins in different biological systems.

Although these problems remain far from being solved, it is evident that here too, Professor Lemieux has made an essential contribution and has led the way to a solution. □

Science Recognizes Top Achievers

Each year, the Faculty of Science awards three gold medals to outstanding graduating students at Spring Convocation.

The Lieutenant-Governor's Gold Medal in Science was awarded to Thomas Harke as the graduating student from an Honors program who displayed the highest distinction in scholarship for the Class of 1988.

In addition to winning numerous scholarships and prizes, Mr. Harke was accepted in the Distinguished Mathematics Students Program in Hungary. He has competed, and placed highly, in a number of mathematical competitions. In 1987, he placed in the top 1 percent of the Putnam Examination conducted by the Mathematical Association of America.

Mr. Harke worked for Thomas Rogers as an NSERC Summer Research Fellow in 1987. His work involved the simulation of various dynamical systems, including chaotic systems, fractal sets and cellular automata. This fall, he will commence graduate studies in mathematics at the University of Illinois in Urbana, where he has accepted a five-year fellowship.

The Gold Medal in Science was awarded to Heather Winitoy, as the graduating student from a Specialization program, who has shown the highest distinction for

the Class of 1988.

Ms. Winitoy was awarded Louise McKinney Post-Secondary Scholarships in 1985 and 1986, the I.P. Sharp Associates Ltd. Scholarship and an NSERC Summer Research Award in 1986, a C.A.C.I. Scholarship in Computing Science and the Digital Equipment of Canada Prize in 1987. During her final year, she also served as the Professional Liaison Representative to the Canadian Information Processing Society from the University of Alberta Computing Society, an undergraduate organization.

Ms. Winitoy has accepted a permanent position with I.P. Sharp Associates Ltd., in Toronto.

The Dean's Gold Medal in Science was awarded to Lisa Kromand as the graduating student from the General program who has shown the highest distinction in scholarship for the Class of 1988.

Ms. Kromand received the Alexander Rutherford Award in high school for achieving marks over 80 percent from grades 10 through 12. Ms. Kromand was awarded a Louise McKinney Post-Secondary Scholarship in 1987. She is continuing her education in Medicine here and hopes to pursue a career in pediatrics. □



Thomas Harke



Heather Winitoy



Lisa Kromand

Keith Wrightson: EFF Distinguished Visitor

Keith Wrightson, widely recognized as a leading scholar of English society in the 16th and 17th centuries, is an Endowment Fund for the Future Distinguished Visitor in the Departments of History and Sociology. Dr. Wrightson arrived on 8 September and will be here until 29 September.

He has published two seminal full-length studies in English social history and numerous learned articles on related topics.

Dr. Wrightson, a Fellow of Jesus College, Cambridge, is preparing for publication a full-length study on a mining community in northeast England, covering the period of change and development

there from 1558 to 1760. He has appeared numerous times on British television to talk about his work and the history of English society, and recently completed a video of an interview with the famous Princeton professor, Lawrence Stone, in a series to be sold world-wide.

The talks to be offered by Dr. Wrightson cover a range of subjects with appeal to those with both specialist and general interest in the evolution of early modern English society, ranging over marriage, family and society; to the social impact of early industrialization to the 16th and 17th century view of death. □

FOLIO

Volume Twenty-six
Number Seven

Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325.

MTS - TJMH
PROFS - ZZOPA
FAX 432-2997

All enquiries and correspondence should be directed to:

Ron Thomas
Editor

Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.



University
of
Alberta

Deadlines:

Notice of coming events: 9 a.m. three weeks in advance of desired publication date.

Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50.

Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

Folio contents may be reprinted with acknowledgment.

ISSN 0015-5764
Copyright 1988

Library Receives Designation as 'Early English Books Research Center'

UMI (University Microfilms International) has designated the University of Alberta Library an "Early English Books Research Center". This is an honor given to libraries for their support of UMI's English Books Series, which began 50 years ago.

The series involves the microfilming of the 26,500 titles in Pollard and Redgrave's *Short-Title Catalogue*, which includes nearly every book printed in Great Britain or in the English language from 1475 to 1640, and the 50,000 titles in Donald Wing's *Short-Title Catalogue*, English-language books published in Great Britain and British North America from 1641 to 1700. Filming of the collection has taken place on two continents, at several cooperating libraries. The University of Alberta owns the entire available collection, distinguishing it as one of only a select group of institutions in

North America with this important historical resource available to its students and faculty.

At an awards ceremony at the American Library Association conference in New Orleans in July, the Library received a plaque for permanent display.

On another front, the Library has been given a subscription to *Heraldry in Canada*. Rev. Peter J.M. Swan, Dean of St. Joseph's College, is the donor.

In recognition of his gift, the Heraldry Society of Canada, publisher of the quarterly, has provided a complete set of back issues. These will be bound and housed in Rutherford South (Periodicals and Microform Centre).

A press release from the Library notes, "These gifts will be of particular interest to the University's history buffs, both students and faculty, as well as to the graphic arts community." □

Nursall Retires, but Further Explorations Beckon

When a valued friend of the department and the University takes retirement there is a sense of loss of change. We are grateful for what that person has given to us for 35 years and consider it a just reward that enthusiasm exists to take that person to further explorations.

John Ralph Nursall joined the Zoology Department in 1953 as a lecturer. He has had a critical influence on the directions and quality of the department through the hiring of a number of its members during his terms as acting head/chairman in the years 1958-60, 1964-69, and 1974-78. He has exceptional breadth in research and made contributions to many fields—functional morphology, evolution, paleontology, limnology, and fish behavior.

On the lighter side, he took up SCUBA diving and went to great depths in his research. He has also been seen drifting on an air mattress in tropical seas in pursuit of a cute but shy little fish, fondly known as 'Redlips'.

He has served as president of the Canadian Society of Zoologists and the Biological Council of Canada, chairman of the Alberta Hazardous Waste Management Panel, and served in numerous other positions with local and international groups. He also won the Faculty of Science

Excellence in Teaching Award. He supervised more than 30 graduate students. And, with the help of his wife, Mary, he has raised three fine children, one a movie star.

Few people can claim a contribution to the fossil record as a part of their legacy. In fact, a fossil fish family was recently officially named after Ralph, the Family *Nursallidae*.

Ralph Nursall has been the leading sage in the Zoology Department and we will miss him. Always a gentleman and strict on principles, he did not mince words. This examination of his career only adumbrates some of his responses to the multifarious exigencies of our times. May life be good to Ralph and Mary on Cortez Island.* □

* Joe Nelson and Dick Peter (Zoology) prepared this article for Folio.



Ralph Nursall: Wanda no match for a fish called 'Redlips'.

Canadian Society for Women in Philosophy to Hold Conference on Campus

"Women in Particular: Epistemology, Ethics and Politics" is the title of the eleventh annual conference of the Canadian Society for Women in Philosophy, to be held on campus 16 to 18 September.

Keynote speaker is Catherine Keller, author of *From a Broken Web: Separatism, Sexism and Self*, who will talk on "Endtimes, Deadlines, and the Time of Women", 17 September.

The opening address, 16 September, titled "The Idea of a Heterogeneous Public", will be given by Iris Young, Worcester Polytechnic Institute.

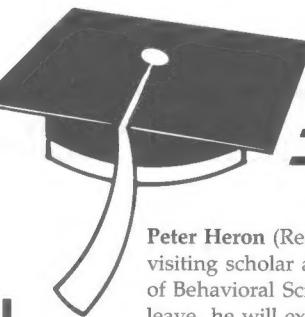
Topics and speakers in the program include "Patience", addressed by Bonnelle Strickling, Vancouver Community College, with commentator Maureen Ford of OISE; "Philosophy and the Standpoint of Women", Yuen-Ting Lai, Memorial University, commentator Winnie Tomm, U of A; "Oppression, Victimization, Choice and Responsibility", Susan Wendell,

Simon Fraser University, commentator, Maryann Ayim, University of Western Ontario; "Women, Science and Marxism", Margaret Benston, Simon Fraser University, commentator Sandra Morton, University of Western Ontario; and "Degradation", Lois Pineau, University of Toronto, commentator, Susan Crandall, U of A.

There will be two panel discussions. On 17 September, the theme, "Power and Competition: Their Effects on Relations Among Academic Participants" will be discussed by panel members Maryann Ayim, Sandra Morton, and Leslie Thielen-Wilson of the University of Western Ontario, and Susan Sherwin of Dalhousie.

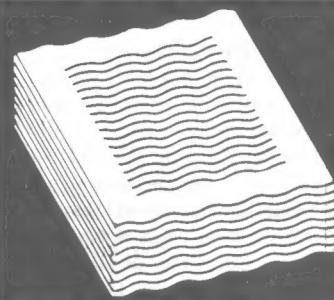
The discussion on 18 September will focus on "Feminist Ethics", and panel members will be Lorraine Code, University of Toronto, Kathleen Martindale, Concordia University, Susan Sherwin, Dalhousie University, and Debra Shogan, U of A. □

Activities



Peter Heron (Recreation and Leisure Studies) will be a visiting scholar at the University of Chicago's Division of Behavioral Sciences. During his forthcoming study leave, he will examine different disciplinary perspectives on the nature of leisure and how these provide insights into the ways leisure has become institutionalized . . . 1988 winner of the Canadian Society of Agricultural Engineering's highest honor, the Maple Leaf Award, given in recognition of leadership in the profession, is **Brian McQuitty**, Vice-President (Facilities), who was cited for his "outstanding personal qualities, dedication to research and professional practice, and excellence in teaching" . . . In recognition of "high professional standards, and respect by colleagues as an innovative and thorough researcher", **H. Page Harrison** (Agricultural Engineering) received the Canadian Society of Agricultural Engineering's 1988 Glenn Downing Award, presented annually for outstanding work in the area of power and machinery . . . The Centre for Constitutional Studies at the Faculty of Law will be hosting a visit by Patrick Monahan, executive assistant to Ian Scott, Attorney-General of Ontario, from 20 to 22 September. He will be addressing the faculty on issues relating to the Meech Lake accord and the Free Trade Agreement . . . **Darius Young** (Industrial and Vocational Education) has left for Seoul as a member of the U.S. Olympic team. An alternate on the 1980 and 1984 teams, Dr. Young will compete in the free pistol event on 18 September . . . The 17th General Assembly of the International Geographical Union (held in Sydney, Australia) has re-elected **Leszek A. Kosiński** (Geography) a Secretary-General and Treasurer of the Union. As a result, the headquarters of this world professional organization will remain at the University of Alberta until 1992.

Currents



Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Department of Mining, Metallurgical and Petroleum Engineering is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee on 12, 13 and 14 October. In preparation for this second phase, PCCR invites written comment prior to 11 October. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee.

Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PCCR Office, W4-13 Chemistry Building, Attention: The Mining, Metallurgical and Petroleum Engineering Unit Review Committee.

Open House at Cross Cancer Institute

Since 1968 the Cross Cancer Institute has worked hard to ensure that Northern Albertans have access to cancer care that is second to none. This year the Institute celebrates 20 years of dedicated service to cancer patients.

To commemorate this anniversary, the Institute will hold an open house on Sunday, 25 September. Members of the public are invited to drop in any time between 1 and 5 p.m. for a tour of the building.

The Cross Cancer Institute is located at 11560 University Avenue.

For further information, phone 432-8778.

World University Service Canada Recruitment Coordination

Members of the University community are invited to a public information session on teaching opportunities overseas, to be held on 21 September, 7 to 10 p.m., in L-1 Humanities Centre. Representatives of WUSC (Ottawa) will be in attendance.

For further information, contact: Maxim, 458-7440; Ryan/Cathy, 434-6983; Dulari, 432-2147.

Boreal Institute Hosting Open House

The Boreal Institute for Northern Studies is hosting a two-part open house. The public are invited to the Provincial Museum and Archives on Sunday, 2 October, to view northern research displays, films and lectures.

The open house will continue at the University of Alberta, Wednesday, 5 October, in the main foyer of the Biological Sciences Building, from 9 a.m. to 3 p.m. At this time, researchers will be prepared to speak to individuals interested in northern research in more detail.

page four, Folio, 15 September 1988

Empey Lecturer Will Have At Popular Architecture

The Faculties of Home Economics and Extension at the University of Alberta and the Faculty of Continuing Education of the University of Calgary are pleased to announce the sixth annual E. L. Empey Lecture.

Noted author and art historian Alan Gowans will present a lecture titled "Learning From Las Vegas - But Not Enough". He will speak in 2-115 Education North on 21 September at 8 p.m.

Dr. Gowans, who will lecture in Calgary the next day, has written a number of books on North American architecture, popular/commercial arts and art history as an instrument for studying culture. His most recent book was *The Comfortable House: Suburban Architecture In North America 1890-1930*, published by M.I.T. Press in 1987. He is currently completing *Styles of American Architecture: Eras of American Civilization* for Harper and Row in New York, with an accompanying videodisc to contain the 28,000 slides of North American architecture accumulated over thirty years.

Future projects include *Creative and Mental Phases in World*

Civilizations: A History in Architecture.

Dr. Gowans was founder of the Department of History in Art at the University of Victoria and its Chair for sixteen years. Earlier, he was with the Winterthur Program of Studies in Early American Civilization. He is a native of Toronto, and holds an MA from the University of Toronto, as well as an MFA and PhD from Princeton.

The Elizabeth L. Empey Lectureship was established by the Faculty of Home Economics to commemorate the many contributions made by Dr. Empey to the profession of Home Economics. Dr. Empey was Dean of the Faculty from 1960 to 1976.



Alan Gowans

She retired from the University of Alberta in 1978 and currently resides in Victoria. □

University Professorships

The selection Committee for University Professors will be considering nominees later in the fall. This title honors professors whose academic, professional and community contributions have been exceptionally meritorious.

Nominations should be submitted to the Vice-President (Academic) by 31 October 1988, but before making any nominations, persons are asked to study the criteria for University Professor nominations, copies of which may be obtained from Ms. Dorothy Gamble, Office of the Vice-President (Academic), 3-4 University Hall (432-3443).

Pembina a Hallmark of Residence Life

From the outside, Pembina, Athabasca and Assiniboia Halls look as they did in the University of Alberta's formative years. Internally, it's a different matter. Athabasca and Assiniboia have been converted into office buildings; Pembina keeps the faith as a comfortable home to students in the heart of campus.

The uniqueness of Pembina can be sampled during an open house 23 to 25 September (10 a.m. to 5 p.m. each day). The event offers

tours of the building, conversation with residents over refreshments, and displays with historical overtones.

There will also be a petition which asks that Pembina Hall be given permanent designation as a student residence. (On occasion, University administration has visualized a third office complex.)

Both the open house and the petition are being organized by The Friends of Pembina, a non-profit group consisting of Pembina

alumni, residents and others who's goal is to preserve and promote Pembina Hall as a student residence.

Currently, Pembina's rooms are rented by mature students, many of whom are graduate students or international students. Among wooden beams and stone stairs, below graceful ivy and stately windows, inhabitants have much more than a roof over their heads, they have a collegial community. It's a community that The Friends of Pembina wish to preserve and pass on to future generations of scholars. □

Selection Committee for Dean: Faculty of Engineering

An Advisory Selection Committee has begun its search for a Dean of the Faculty of Engineering. The appointment will take effect 1 July 1989 or as soon as possible thereafter. Suggestions of possible candidates and assessments of the leadership needs of the Faculty are invited.

Since the incumbent Dean, Dr. Fred D. Otto, is a candidate, the committee is also required to conduct a review of his administrative performance.

Comments are invited with this stated purpose in mind.

Nominations or applications for the position, accompanied in the latter case by a detailed résumé of qualifications and experience, and the names of three referees, should be submitted by 30 September 1988 to: Dr. J. Peter Meekison, Vice-President (Academic), Third Floor, University Hall, University of Alberta, Edmonton, Alberta T6G 2J9.

Talks

English

15 September, 12:30 p.m. Reading by novelist and dramatist Robertson Davies. TL-11 Tory Lecture Theatre.
22 September, 3:30 p.m. Sam Rees, "Sublime Tobacco: Four Hundred Years of Poetry and Polemics." 5-20 Humanities Centre.
23 September, noon. Roland Smith, Dalhousie, "A People's War in Greenland: Graham Greene's Wartime Tales." 5-20 Humanities Centre.

Sociology

15 September, 3:30 p.m. R.M. Blackburn, head, sociological research, Department of Applied Economics, University of Cambridge, "Educational Selection and Social Stratification." 5-180 Education North.

21 September, noon. Dr. Blackburn, "Stratification Research: A Theoretical and Methodological Critique. Topic 2 - The Stratification Structure: Resolving the Contradictions of Theory and Measurement." 5-15 Tory Building.

men's Studies Program

15 September, 3:30 p.m. Iris M. Young, Philosophy, Worcester Polytechnic Institute, "Abjection and Oppression: Reading Kristeva as a Theory of the Fear of Difference." 5-20 Humanities Centre.

16 September, 7:30 p.m. Dr. Young, "The Idea of a Heterogeneous Public."

2-115 Education North.

17 September, 9 a.m. Lorraine Code, Philosophy, York University, "Remapping the Epistemic Terrain: Knowledge, Gender, Power." 2-135 Education North.

19 September, 4 p.m. Dr. Code, "The Autonomy of Reason." 5-20 Humanities Centre.

20 September, 3:30 p.m. Dr. Code, "Women and Experts: The Power of Ideology." 5-20 Humanities Centre.

Alberta Heritage Foundation for Medical Research

15 September, 4 p.m. Eva Turley, University of Calgary, "Regulation of Cell Behavior by Hyaluronic Acid." 5-10 Medical Sciences Building.

20 September, 4 p.m. Roger Jacobs, Department of Biochemistry, University of Berkeley, "Genetic Analysis of the Roles of Neuron and Glia Recognition by Identified Neurons in Drosophila Embryos." 5-10 Medical Sciences Building.

Lectures sponsored by Anatomy and Cell Biology.

Science, Technology and Society

15 September, 4 p.m. Milton Freeman, Tory Professor of Anthropology, "Exporting Our Morality in Terms of Global Conservation." 1-09 Business Building.

Entomology

22 September, 4 p.m. Janet Haley, "Host Selection and Gustatory Chemoreception in 3 *Leptinotarsa* Species." TBW-1 Tory Building.

Philosophy

16 September, 7:30 p.m. Iris M. Young, Worcester Polytechnic Institute, "The Idea of a Heterogeneous Public." 2-115 Education North.

17 September, 3:30 p.m. Catherine Keller, Drew University, "Endtimes, Deadlines, and the Time of Women." 2-115 Education North.

International Centre

19 September, noon. Tolo Molle, Tanzanian student, "Stories from Africa."

20 September, 12:30 p.m. Laura Randall-Madsen, "Himalayan Trek."

21 September, noon. Lawrence Dombro will share his recent experiences as a participant in the Business Faculty's "China Project" in Xian, People's Republic of China.

22 September, 12:30 p.m. Kathy 'sborg, Travel CUTS, "SWAP (Student Work Abroad Program)."

23 September, noon. "Bound to Strike Back" — a video on the struggles of the black majority of South Africa.

Slavic and East European Studies

19 September, 3 p.m. Jerzy Tomaszewski, Institute of Political Science, Warsaw University, "The Ethnic Structure of Inter-War Poland." Senate Chamber, Arts Building.

20 September, 4 p.m. Fedir Pohrebnyk, senior research associate, Soviet Ukrainian Academy of Science, and Zenovia Franko, philologist from Kiev, "Glasnost in Ukraine." Lectures in Ukrainian. 436 Arts Building.

21 September, 11 a.m. Dr. Tomaszewski, "The 1918-1939 Polish State in Relation to its National Minorities." Room 5, Tory Basement.

22 September, 3 p.m. Professor Tomaszewski, "Social Problems of Ukrainians in Poland, 1918-1939." Senate Chamber, Arts Building.

Computing Science

19 September, 3:30 p.m. Erich Kaltofen, Rensselaer Polytechnic Institute, Troy, New York, "Something to Do With Computer Algebra." 619 General Services Building.

Plant Science

20 September, 12:30 p.m. Robert L. Houtz, assistant professor, Department of Horticulture, University of Kentucky, Lexington, "Structure/Function Relationships of the Large Subunit N-Terminus of Rubisco in Muskmelon, Wheat, Tobacco and Spinach." 1-06 Agriculture/Forestry Centre.

Physics

21 September, 3:30 p.m. M. Sawicki, Warsaw University, "Lightfront Models of Relativistic Bound States in Nuclear Theory." 631 Physics Building.

Home Economics, Extension and Faculty of Continuing Education, University of Calgary

21 September, 8 p.m. The sixth annual E.L. Empey Lecture. Alan Gowans, author and art historian, "Learning from Las Vegas - But Not Enough." 2-115 Education North.

History and Sociology

23 September, 3:05 p.m. Keith Wrightson, Jesus College, Cambridge, "Death in Early Modern England." 2-58 Tory Building.

26 September, 2 p.m. Dr. Wrightson, "Marriage, Family and Society 1558-1800." 4-4 Tory Building.

Law

24 September, 9:30 a.m. Saturday Morning at the Law School—"Suing and Being Sued." Law Centre.

SUB Theatre

16 September, 8 p.m. Heather Bishop in concert. 435-4966.

17 and 18 September, 8 p.m. "Fatal Attraction."

23 and 24 September, 8 p.m. Margie Gillis in concert.

Award Opportunities

1988 3M Teaching Fellowships: Call for Nominations

The Society for Teaching and Learning in Higher Education and 3M Canada

Inc. are continuing the 3M Fellows Program with up to 10 awards for 1988.

The award is 1) a citation of excellence in recognition of an exemplary contribution to teaching and learning in Canadian universities and 2) an invitation to an exclusive 3-day seminar, to be held at the Chateau Montebello, 13 to 15 November. Participants have an opportunity to work with some of the best university teachers in Canada (all expenses paid).

The awards are open to any individual currently teaching at a Canadian university regardless of discipline or level of appointment. In 1988, some preference will be given to applicants from Quebec and Atlantic Canada.

Self-nominations will be accepted as well as nominations from colleagues and students. Written applications should include a letter from the Vice-President (Academic) that addresses the nominee's special qualifications for the award.

Deadline for receipt of nominations: 30 September 1988.

Nominations should be sent to: The Society for Teaching and Learning in Higher Education, 3M Fellowships, c/o Instructional Development Centre, General Sciences Building, Room 205, McMaster University, Hamilton, Ontario L8S 4K1.

Telephone enquiries should be directed to: (416) 525-9140, extension 4540.

Positions

The University of Alberta is committed to the principle of equity in employment.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

APO, Department of Food Science

Applications are invited for the position of Administrative Professional Officer, Department of Food Science. The APO has major responsibilities for budget, personnel administration, facility management, and liaison with University academic and administrative units. Other duties include frequent contact with students, the public, and other educational institutions, and interaction with the food processing industry.

Applicants must have minimum qualifications of a university degree (BSc in Food Science preferred). University administrative experience a desirable asset. Effective communication skills essential.

The salary range for this position is \$28,262 to \$42,398 per annum.

Applications, with résumé and names of three referees, should be sent to: F.H. Wolfe, Chairman, Food Science Department, University of Alberta, Edmonton, Alberta T6G 2P5. Application deadline is 25 September 1988 with starting date as soon thereafter as possible.

Senior Planning Officer, Planning and Development

Planning and Development, University of Alberta, invites applications for the position of Senior Planning Officer. This is a senior position within the department, reporting to the Director, and responsible for the management of activities necessary to develop, implement and maintain long- and short-range plans for facilities and land development and for space management.

This is an Administrative Professional

Officer position, carrying all academic staff benefits and a salary range of \$42,628 to \$63,942.

Please send applications to: B.F. Pratt, MRAIC, Acting Director, Planning and Development, 480 General Services Building, by 1 October 1988.

Applicants should be a registered architect or engineer, or have equivalent training and experience. A minimum of seven years' planning experience is recommended.

Administrator (Full-Time Temporary Appointment), Department of Drama

An Acting Departmental Administrator is required immediately by the Department of Drama to replace its APO who has been seconded to other duties.

This is a full-time temporary academic appointment to 30 June 1989, with the possibility of renewal.

Reporting to the Chairman, the Acting Departmental Administrator is responsible for budgeting, personnel management, scheduling, timetabling, space and student registration, and acts as resource person on administrative matters.

Qualified applicants will have administrative experience in a university teaching department. Appreciation of theatre and familiarity with an IBM PC system considered assets.

Starting salary commensurate with experience, plus benefits.

Applications, including *curriculum vitae* and the names of three current references, should be addressed to David Barnet, Chairman, Department of Drama, 3-146 Fine Arts Building, University of Alberta, Edmonton, Alberta T6G 2C9.

Deadline for receipt of applications is 4 p.m., 21 September 1988.

Resident Director, Shastri Indo-Canadian Institute

The Shastri Indo-Canadian Institute is currently seeking applications for the position of Resident Director (New Delhi, India) from well established Canadian academics who will be on study leave in 1989-90.

The Institute is a consortium of 21 universities, and the National Library of Canada, and offers a variety of programs such as the fellowship program for Canadian and Indian scholars and students, the program of providing books from India to Canadian member universities and books from Canada to Indian universities where Canadian studies are developing.

Workshops and conferences are held from time to time in Canada and in India.

The appointment will be made for a period of one year commencing 1 July 1989.

The complexity of the Institute's activities requires that the Resident Director be an established scholar with a research project in the social sciences or humanities focussing on India or on a Canada-India comparative topic. The Resident Director has overall responsibility for the Institute's existing operations in India, and is also expected to demonstrate initiative in developing new programs and in providing leadership.

The criteria to be used in the selection of the Resident Director are scholarship, administrative and representational abilities, and experience in India, with equal weight being given to each. Other things being equal, preference will be given to applicants from member universities.

Scholars who are Canadian citizens or landed immigrants interested in being

considered for the above position should reply in writing, including an updated *curriculum vitae* and a research proposal (which will be assessed by evaluators outside the Institute), not later than 10 October 1988. Communications should be addressed to: Executive Director, Shastri Indo-Canadian Institute, 2500 University Drive N.W., Calgary, Alberta T2N 1N4.

The University of Alberta is a member of the Shastri Indo-Canadian Institute, represented on campus by an elected committee. U of A faculty are encouraged to apply for the position. For further information, telephone Regula Qureshi (432-3908).

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 9 September. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Steno II, Agricultural Engineering, (\$1,263-\$1,568)
Clerk Typist II, Faculty of Graduate Studies and Research, (\$1,263-\$1,568)
Clerk Steno III (Part-time, Trust), Health Sciences Laboratory Animal Sciences, (\$704-\$884) (prorated)
Clerk Steno III (Trust), Biochemistry, (\$1,407-\$1,767)
Clerk Steno III, Physical Education and Sport Studies, (\$1,407-\$1,767)
Clerk Steno III (Technical Typist), Faculty of Business, (\$1,407-\$1,767)
Clerk Steno III, Statistics and Applied Probability, (\$1,407-\$1,767)
Clerk Typist III, (Part-time), Home Economics, (\$563-\$707) (prorated)
Clerk Typist III, (Part-time), Microbiology, (\$844-\$1,060) (prorated)
Clerk Typist III (Trust), Health Sciences Laboratory Animal Sciences, (\$1,407-\$1,767)
Clerk Typist III, English, (\$1,407-\$1,767)
Library Clerk III, Faculté Saint-Jean, (\$1,407-\$1,767)
Administrative Clerk, Physical Plant, (\$1,568-\$2,003)
Medical Steno (Trust) Medicine (Dermatology and Cutaneous Diseases), (\$1,568-\$2,003)
Medical Steno, Medicine (Cardiology-Research), (\$1,568-\$2,003)
Secretary Electrical Engineering, (\$1,568-\$2,003)
Senior Accounts Clerk, Office of the Comptroller, (\$1,767-\$2,274)
Laboratory Assistant I (Trust/Term), Zoology, (\$1,176-\$1,454)
Laboratory Assistant II, Provincial Laboratory, (\$1,263-\$1,568)
Laboratory Assistant III (Part-time, Trust), Pathology (Medical Laboratory Science), (\$884-\$1,110) (prorated)
Maintenance Worker I, Materials Management, (\$1,767-\$2,274)
Farm Technician II (Trust), Animal Science, (\$1,845-\$2,373)
Civil Engineering Technician II, Civil Engineering, (\$1,845-\$2,373)
Technician II (Trust), Pharmacology, (\$1,845-\$2,373)
Administrative Assistant I, Faculty of Extension, (\$2,003-\$2,585)
Administrative Assistant I, University Computing Systems, (\$2,003-\$2,585)
Nurse (Trust), Medicine, (\$2,088-\$2,703)
Technologist II (Trust), Animal Science, (\$2,178-\$2,823)
Programmer Analyst III, Geology, (\$2,823-\$3,686)
Controls Fitter, Physical Plant, (\$3,136)
Library Clerk I (Part-time), H.T. Coutts Library, (\$588-\$727) (prorated)
Library Clerk III, H.T. Coutts Library, (\$1,407-\$1,767)

Library Assistant I, Cameron Library, (\$1,454-\$1,845)
Library Assistant III, Cameron Library, (\$1,845-\$2,373)
Programmer Analyst II, Cameron Library, (\$2,373-\$3,082)
For vacant Library positions, telephone 432-3339.

Advertisements

Accommodations available

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 592-3666, Lois Dutton, Wessex Realty, Victoria, B.C.
Sale - Two-storey, 1,570' home. Four bedrooms, main-floor laundry. Large lot. Good location, close to University. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Wabamun lakefront, fully furnished cottage. Large lot. Beautiful view, great location. For details, call Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Hubbles Lake, \$19,500. Mobile home retreat. 4.38 acres. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Attractive, one-bedroom condominium in Claridge House. West view balcony overlooks campus. All appliances, including microwave. Generous storage, track lighting, blinds, mirror-wall, A/C, pool, underground parking. 430-8093.

Lease/sale - Home, Windsor Park. Renovated, like new, oak kitchen, neutral rugs, brass fixtures. \$1,495/month. Professional families only. For further information call, Carolyn Smith, Re/Max Real Estate, 435-0217.

Sale - Old Riverbend. Beautiful bungalow, quiet, treed street. 2 1/2 baths, fireplace in sunken living room. Bright, well-planned kitchen. Double, detached garage. Only \$125,800. Ann Dawrant, Spencer Realty, 436-5250, 430-6971.

Sale - West end, two storeys, three bedrooms, Under \$80,000. Resi Richter, Royal LePage Realty, 483-9432.

Sale - Valleyview. Bungalow, near ravine. Three bedrooms, jacuzzi, fully developed. \$187,500. Resi Richter, Royal LePage Realty, 483-9432.

Sale - Bungalow, prestigious location, west end. Three bedrooms, family room, developed basement, fireplace, double garage. Resi Richter, Royal LePage Realty, 483-9432.

Rent - One-bedroom, furnished apartment. 9908 114 St. Pool, sauna. 1 October-30 April. Mature individual. Damage deposit. \$700/month. 488-7316 evenings, weekends.

Sale - Old Strathcona, excellent University location, near river valley, good schools, tennis. Charming, renovated, two storeys, spacious, bright, high ceilings, hardwood, remodelled kitchen, south backyard. Jean MacKenzie, Spencer Realty, 436-5250.

Sale/rent - Sunny, spacious, two-bedroom suite, well-kept, high-rise condominium. Spectacular city view. Pool, sauna, five-minute ride to University. 1 December or later. \$79,000 or \$700 rent. 482-4286.

Sublet - Old Strathcona on Saskatchewan. Furnished, 3-4 bedrooms, garage. Prefer grad./mature students. 1 October to June/July. \$700 plus utilities. Call 433-5784.

Sale - Belgravia beauty. Three-bedroom bungalow with Berber carpeting. Large, entertainment-sized living

room. Nicely upgraded bathroom. Large, treelined, private lot. 62'x130'. Contact Ronn Bence, Royal LePage Realty, 438-5100.

Rent - Furnished, four-bedroom home. \$500 plus utilities. 26 October-4 April. All appliances, car plug-ins, 12 minutes from University. References. 489-7238.

Rent - Furnished, two-bedroom home, appliances, garage, near bus line. \$400 plus utilities. References. 426-1544.

Sale - Parkallen, by owner, two-bedroom, upgraded bungalow. Garage. 437-0993.

Sale - Upgraded, 1,100', two storeys. 10936 81 Ave. \$94,300. Patrick McDermott, Century 21 Realty Byrons. 437-1430.

Rent - Two-bedroom bungalow, appliances, basement, walking distance to University. References and damage deposit required. 451-2281.

Accommodations wanted

Post-doctoral fellow, non-smoker, married, looking for furnished one- or two-bedroom suite, near University. Contact Israel, 438-9113 after 6 p.m.

Professor wishes to buy four-bedroom, two-storey house in Windsor Park or Glenora. Closing date flexible, before or after spring 1989. 435-5325.

Goods for sale

"Ice, Stars and Saucers", available at the Edmonton Bookstore; only minutes from campus at 8530 109 St. Quality books bought and sold. 433-1781.

Teak desk, child's snowsuit (size 8). 439-2948.

Marla Wilson original, 3x4 feet. Nude on Irish linen. Dawn, 432-3914 or 489-6482 evenings.

Upright grand piano, refinished and reconditioned, \$2,100. 428-6162.

Services

Donnic Word Processing - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Ave. 436-8059.

Professional typist—word processing. Specializing in theses, dissertations, manuscripts. Gwen, 467-9064. Convert most Apple to IBM.

Old-fashioned style interior plastering specialists, 75 years combined experience, finest quality finished product "Guaranteed". If you appreciate quality, please phone Stan, 479-6640, after 5:30 p.m. 459-5084. Complete drywall services. References.

Jazzercise, the original dance fitness program, offers eight classes, \$14 Valid until 31 October. New stuc only, UAH, Nurses Residence. Monday/Wednesday, 5-6 p.m. For information, call Dina, 478-8997.

Piano, theory, harmony lessons. Beginners-adults. Western Board. Robert Gariepy, 433-7238.

Professional typist with BA, word processing, specializing in theses, dissertations. Lois, 464-2351.

Experienced piano teacher looking for students. 438-4362.

Retired English teacher will edit or type and edit papers, theses, dissertations with Xerox word processor. Call 433-4175.

Progoff Intensive Journal Life Context Workshop, led by Sister Therese Craig, PhD, Strawberry Creek Lodge. 28-30 October. Lodging/meals \$80; tuition \$125 (25% tuition discount seniors/students). 432-7582, 424-4737.

Green Circle Preschool is accepting registration for three to five year olds. The program runs September to May at Malmö Elementary School. For more information, call Linda at 436-5732.

Springhill Co-operative Nursery School. Register now in Edmonton's oldest co-operative nursery school, near University in Garneau School. Spaces in three- and four-year-old groups. Call Jennifer, 433-7567.

The Aurora School. Holistic approach, based on Rudolf Steiner's Waldorf education, offers academic excellence in stress-free environment. Enriched curriculum, small classes K-5. In Argyll, ten minutes from University. 469-2101.

Babysitter needed soon for a boy and a girl, ages 11 and 8. Required by single parent, close to University. Perfect for student or older person. Part-time only. 437-0146.

FELDENKRAIS

Awareness Through Movement

Improve your posture,
your ability to move, your vitality.

Jacqueline Ogg

Feldenkrais practitioner, will lead this intriguing course based on the work of Moshe Feldenkrais

Mon. & Wed. 1500 - 1615 Starting 26 September
Twenty lessons fee \$53.00 Staff \$41.00 Students

Register at Campus Recreation
W1-08 Van Vliet Centre
Phone

432-5607



Peter Rowe
Residential Real Estate Services
5714 - 111 Street
Office: (403) 437-7480

Potential Gold Mine
Successful
Fast Food Franchise
U of A Location
\$125,000

F. SPEUR-BOOKS



*We buy and sell
literature • history
philosophy • religion
music • art • Canadiana
Foreign languages
and much more.*

10824A Whyte Avenue
(above Gordon Price Music)
439-4195

Tuesdays through
Saturdays 10 - 5:30
Thursdays till 9 p.m.

RELAXATION MANAGEMENT SEMINARS

Simple techniques can help you cope with stress. They can be learned. And it does not take long to learn them. Many people find that when they practice regularly the techniques of relaxation management:

- there is a reduction in stress and anxiety levels
- they feel healthier and have more energy and stamina
- their concentration improves
- they can think more clearly and find solutions more easily

In a Relaxation Management Seminar you will be shown the techniques of centring, focussing, and meditation and learn how to practice them so that they can help you in your daily life.

Instructor: Linda Fraser

Date: Thursday, October 6 and 13
1:30 - 2:30 p.m.

OR: Thursday, November 10 and 17
1:30 - 2:30 p.m.

Place: 2-02 Assiniboia Hall

Fee: \$20

Each class is limited to 10 participants.
To register call 4660.

Training and Development
Personnel Services and Staff Relations

Planning a Conference

YES, we can take away
all the hurdles associated
with it!



University
of
Alberta

CALL 432-7200

Conference Centre
Housing & Food Services
4 Lister Hall
University of Alberta
T6G 2H6

L.E.A.P. CLASSES

The very successful Lifestyle & Exercise Awareness Program will be offered by the U of A Fitness Unit once again this fall. For the repeat LEAPER's there will be an advanced class.

The LEAP Classes Consist of:

Pre & Post Fitness Appraisal
Nutrition Assessment & a diet suited for you
Supervised Workouts
Printed Materials that will help you to plan your
own conditioning program
Educational Component covering a variety of
Fitness & Lifestyle related topics.

STARTING: SEPTEMBER 26, 1988

TIMES: 12:00noon - 1:00p.m. Mon., Wed., & Fri

6:00 - 7:00 p.m. Mon. Wed. & Thur. Evening

ADVANCED: 4:30 - 6:00 p.m. Tues & Thur. Evenings

COST: Introductory Sessions - \$170.00

Advanced Sessions - \$100.00

WHERE: University of Alberta Fitness Unit

Room W1-55 Van Vliet Centre

CONTACT: The Fitness Unit at 432 - 4435

YOU ARE CORDIALLY INVITED

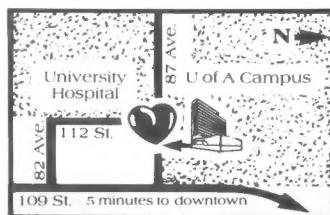
To the Public Opening of
CAMPUS TOWER
APARTMENT
HOTEL

In the  of the University!

- On Thursday, September 22, 1988
- Time — 4:00 p.m. to 7:00 p.m.
- Location — across from the University
Hospitäl at 11145 - 87th Avenue
- This is your opportunity to find out
what this unique Apartment Hotel
has to offer you ... your guests ...
your business associates!



CAMPUS TOWER
11145 - 87 Avenue
Edmonton, Alberta T6G 0Y1
Phone 439-6060



CHINA May/June 1989

A twenty-three day itinerary including Beijing, The Great Wall, Xi'san, Li River Tour from Guilin, a Yangtze River cruise, visits to minorities areas of Inner Mongolia and Yunnan (Kunming) provinces, and other significant sites, plus two days Hong Kong. Institutional visits and cultural events. All inclusive cost \$4,500 (subject to adjustments) - Limited participation. For more information contact: E. Reinhold,

VISTA TRAVELS, Ph. 433-3533

Make this your year to go DOWN UNDER
Airfare to Brisbane, Sydney, or
Melbourne as low as **\$1,499**, Save up
to \$450 per couple.

**Special conditions apply*



TRAVEL CUTS
MAIN FLOOR SUB

432-275F

CAMPUS RECREATION

Fall Programs Registering NOW! It all starts on 26 September

Fitness & Lifestyle

- Exercise & Weight Control M + W 1645
- Iyengar Yoga M through F 1210
- Tai Chi M + W 1645
- Aquacises M through F 1210
- Keep Fit (six courses)
- Aerobic Dance, Aerobic Exercise (20 courses)
- Feldenkrais Body Awareness M + W 1500
- Fat Burner T + TH 1645

Adult Instruction

- Weight Training
- Women's Self Defence
- Jazz Dance
- Jive Dancing
- Social Dancing
- Ballet
- Racquetball
- Squash
- Tennis

Intramural Activities

DID YOU KNOW?

That all staff, faculty and students are entitled to play in our Intramural activities program.

Get involved in: CoRec Volleyball, The Turkey Trot Run, Golf, Flag football, Soccer, Ice Hockey and twenty others!

Saturday Morning for Kids **Special Kid-Sized Lessons**

- Karate
- Tae Kwon Do
- Fencing
- Badminton
- Racquetball
- Squash

For Mature Staff

- Second-Wind M + W 1210
- Early Bird Fitness M + W 0645
- Fitness for Men M + W 1900
- Fitness for Women M + W 1900
- Beginner Yoga T + TH 1210
- Aquacises T + TH 1210
- Rush Hour Quickie T + TH 1645

Fitness Specials Instruction

- Skate for Fitness T + TH 0700
- Adult Skating Instruction
- Folk Dance for Fitness M + W 1210
- Jive Dancing Tuesdays 1900
- Intro Ballet M + F 1630

*Consult your Campus Recreation Catalogue or Call: **432-5607***